

## INTERNATIONAL SEARCH REPORT

10/54 1005  
Rec'd PCT/PTO 28 JUN 2005  
PCT/IB 03/06251A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H04B1/707 H04L25/02

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H04B H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 876 002 A (LUCENT TECHNOLOGIES INC) 4 November 1998 (1998-11-04) page 6, line 11 -page 7, line 4; figures 4,5 page 12, line 23 -page 15, line 9; claims 1-23; figures 22,23	1-20
Y	WO 02/09375 A (MENGALI UMBERTO ;MORELLI MICHELE (IT); MASCIARELLI ALESSANDRO (IT)) 31 January 2002 (2002-01-31) cited in the application page 3, line 17 -page 4, line 14 page 4, line 24 - line 29 page 7, line 15 -page 8, line 7; claims 1-9	1-20

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

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Date of the actual completion of the international search

16 April 2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>WO 02/093768 A (INTEL CORP) 21 November 2002 (2002-11-21)</p> <p>page 2, line 26 -page 3, line 21 page 5, line 7 -page 6, line 19; figure 3A page 8, line 17 -page 10, line 14; figure 3B page 12, line 13 -page 14, line 14 page 18, line 18 -page 21, line 32</p>	<p>1,2, 10-12, 15-19</p>
X	<p>EP 1 143 630 A (CIT ALCATEL) 10 October 2001 (2001-10-10)</p> <p>paragraphs '0026!-'0031!,'0047!-'0064!; figure 3</p>	<p>1,2, 10-12, 15-19</p>

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			JP	10327126 A	08-12-1998
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